

**PATENT** 

Applicant:

PHILLIP W. ROGAWAY

Serial No.:

10/655,563 09/03/2003

Filed: Title:

BLOCK CIPHER MODE OF OPERATION FOR CONSTRUCTING A WIDE-BLOCKSIZE

BLOCK CIPHER FROM A CONVENTIONAL BLOCK CIPHER

Group:

Examiner:

Docket No.

UC03-087-4US

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22213-1450

#### COMBINED DECLARATION AND POWER OF ATTORNEY

(ORIGINAL, DESIGN, SUPPLEMENTAL, NATIONAL STAGE OF PCT, DIVISIONAL, CONTINUATION OR CONTINUATION-IN-PART)

As a below named inventor, I hereby declare that:

#### **TYPE OF DECLARATION**

This	dec	lara	tion	is	of	the	fol	low	ing	ty	pe	:
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X original (regular)

\_\_ design

supplemental-continuation of PCT Application in the U.S.

NOTE:

If the declaration is for an International Application being filed as a divisional, continuation, or continuation-in-part, do not check the next item; check appropriate one of last three items.

\_ national stage of PCT

divisional

continuation

continuation-in-part

#### INVENTORSHIP IDENTIFICATION

WARNING:

If the inventors are each not the inventors of all of the claims, an explanation of the facts, including the ownership of all the claims at the time the last claimed invention was made, should be submitted.

My residence, post office address, and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention described in

#### SPECIFICATION IDENTIFICATION

	OI LOII IOATION	I IDENTII IOATION			
[ ] the specification filed h	nerewith by the above-nam	ned inventors, with the title	listed above.		
[ ] the specification filed herewith by the above-named inventors, with the title listed above, and which					
was amended by the F	Preliminary Amendment file	ed herewith.			
[ ] the specification identi	fied above, as amended b	y the Preliminary Amendm	ent filed herewith.		
[X] the specification iden	tified above, and which wa	s amended on N/A			
[ ] PCT International App	lication No.	filed on	, and amended		
	on (if a				
ACKNOWL	EDGMENT OF REVIEW	OF PAPERS AND DUTY (	F CANDOR		
I hereby state that I have r	eviewed and understand t	he contents of the above-io	lentified specification,		
including the claims, as ar	nended by any amendmer	nt referred to above.			
I acknowledge the duty to 1.56.	disclose information which	n is material to patentability	as defined in 37 C.F.R. §		
	PRIORITY CLAIM (	35 U.S.C. § 119(a)-(d))			
I hereby claim foreign prio	rity benefits under 35 U.S.	C. §§ 119(a)-(d) of any fore	eign application(s) for		
patent or inventor's certific	ate or under 35 U.S.C. § 3	365(b) of any PCT internation	onal application(s)		
designating at least one co	ountry other than the Unite	d States of America listed	below, and have also		
identified below any foreig	n application(s) or invento	r's certificate or any PCT in	ternational application(s)		
designating at least one co	ountry other than the Unite	d States of America filed b	y me on the same subject		
matter having a filing date	before that of the applicat	ion(s) of which priority is cla	aimed.		
X no such applications have been filed.					
_ s	uch application have been	filed as follows.			
PRIOR FOREIGN/PCT APPLIC		NTHS (6 MONTHS FOR DESIGN 6 UNDER 35 U.S.C. § 119(a)-(d)	) PRIOR TO THIS APPLICATION		
COUNTRY (OR INDICATE IF PCT)	APPLICATION NUMBER	FILING DATE (day, month, year)	PRIORITY CLAIMED UNDER 37 U.S.C. § 119		
	· · · · · · · · · · · · · · · · · · ·		YES NO		
			YES NO		
			YES NO		
	•		YES NO		

## CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S) (35 U.S.C. § 119(e))

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional applications (s) listed below:

PROVISIONAL APPLICATION SERIAL NUMBER

FILING DATE OF PROVISIONAL APPLICATION

60/408,458	09/03/2002
60/413,124	09/23/2002
60/422,335	10/29/2002

## CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATIONS UNDER 35 U.S.C. 120

(complete this part only if this is a divisional, continuation, CIP or national stage of PCT)

I/We hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability under 37 C.F.R.§ 1.56, which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

### PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. 120:

#### 1. U.S. Applications:

SERIAL NUMBER	· · · · · · · · · · · · · · · · · · ·	FILING DATE		
	·			
2. PCT Applications Designation	ng The U.S.			
PCT APPLICATION NUMBER	PCT FILING DATE	U.S. SERIAL NUMBER		
	· · · · · · · · · · · · · · · · · · ·			
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#### **POWER OF ATTORNEY**

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith.

John P. O'Banion Registration No. 33,201
James M. Ritchey Registration No. 32,594
James C. Peacock III Registration No. 40,124
Steven L. Smith Registration No. 44,343
Rodger H. Rast Registration No. 45,853
Richard M. Wiesner Registration No. 48,748

Attached as part of this declaration and power of attorney is the authorization of the above-named attorney to accept and follow instructions from my representative(s).

SEND CORRESPONDENCE TO:

**DIRECT TELEPHONE CALLS TO:** 

**CUSTOMER NUMBER 8156** 

John P. O'Banion O'BANION & RITCHEY LLP 400 Capitol Mall, Suite 1550 Sacramento, CA 95814 John P. O'Banion (916) 498-1010

#### **DECLARATION**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

#### SIGNATURE(S)

Full name of inventor:

PHILLIP W. ROGAWAY

Inventor's Signature:

Country of Citizenship: UNITED STATES

Residence:

Date:

DAVIS, CALIFORNIA

P.O. Address:

1212 PURDUE DRIVE DAVIS, CA 95616





# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

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#### **POWER OF ATTORNEY BY ASSIGNEE** AND EXCLUSION OF INVENTOR(S) UNDER 37 C.F.R. 3.71

Dear Sir:

The undersigned assignee of the entire interest in the above-identified subject application hereby revokes all prior powers of attorney and appoints

John P. O'Banion	Registration No. 33,201
James M. Ritchey	Registration No. 32,594
James C. Peacock III	Registration No. 40,124
Steven L. Smith	Registration No. 44,343
Rodger H. Rast	Registration No. 45,853
Richard M. Wiesner	Registration No. 48,748

as its attorneys to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, said appointment to be to the exclusion of the inventors and their attorney(s) in accordance with the provisions of 37 C.F.R. 3.71.

An assignment of the entire interest in the above-identified subject application	An	assignment	of the entire	interest in the	e above-identified	l subject application	n:
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[]	was recorded on	at reel/frame
[X]	is submitted herewith for reco	rding.

Please direct all telephone calls to John P. O'Banion at (916) 498-1010 and all correspondence relative to said application to the following address:

John P. O'Banion, Esq. **O'BANION & RITCHEY LLP** 400 Capitol Mall, Suite 1550 Sacramento, CA 95814

**CUSTOMER NUMBER** 8156

Dated: o

ASSIGNEE:

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA

Signature:

Typed Name:

Linda S. Stevenson

Title:

Manager, Patent Prosecution Office of Technology Transfer UC Office of the President 1111 Franklin Street, 5th Floor Oakland, CA 94607-5200

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#### ASSIGNEE CERTIFICATION UNDER 37 C.F.R. 3.73(b)

Dear Sir:

In accordance with 37 C.F.R. 3.73(b), the assignee hereby certifies that the evidentiary documents with respect to its ownership have been reviewed and that, to the best of the assignee's knowledge and belief, title is in the assignee seeking to take this action.

Dated: 2/25/2004

ASSIGNEE:

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA

Signature:

Typed Name: Linda S. Stevenson

Title:

Manager, Patent Prosecution Office of Technology Transfer UC Office of the President 1111 Franklin Street, 5<sup>th</sup> Floor Oakland, CA 94607-5200